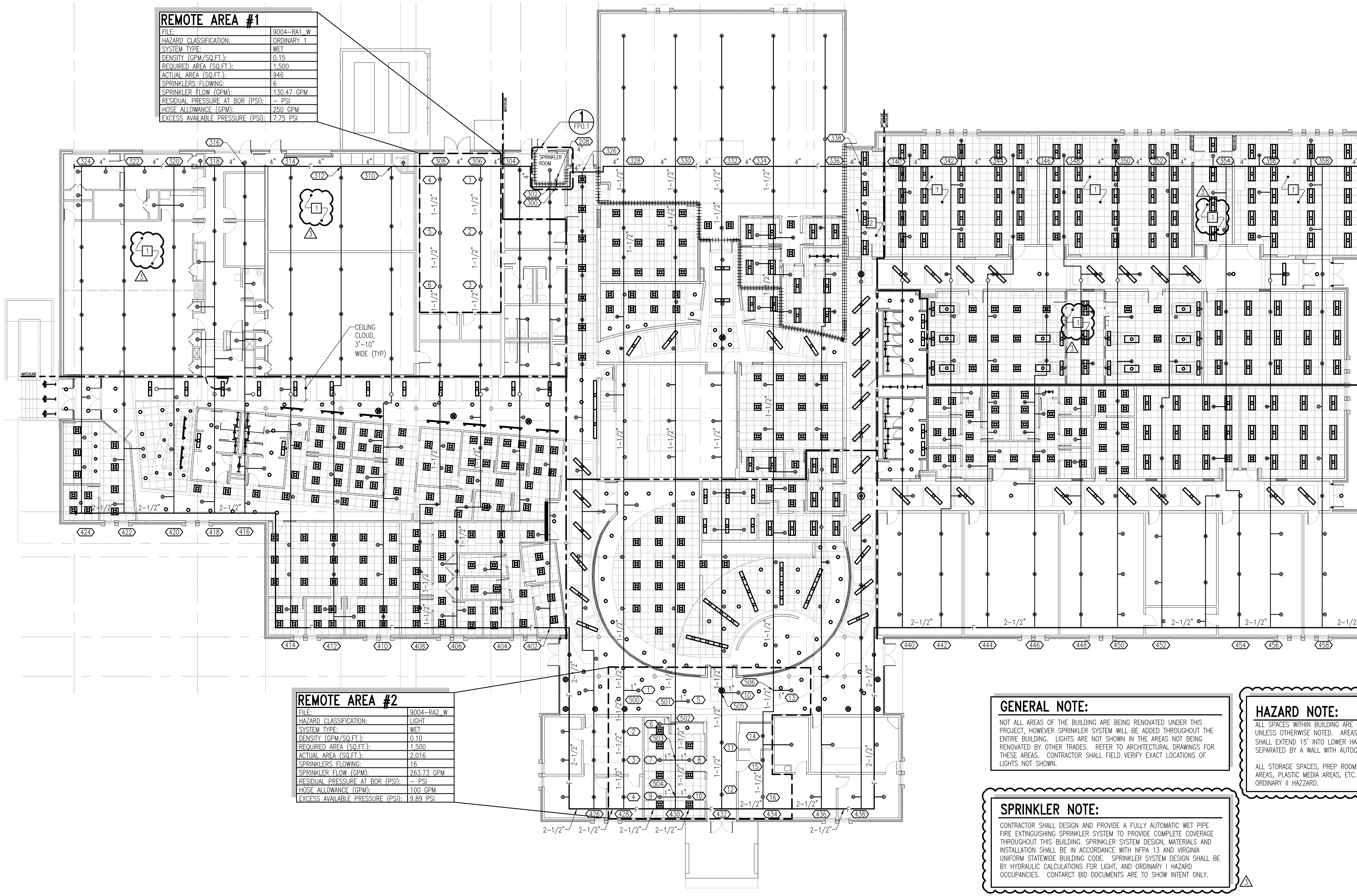

REMOTE AREA #1

FILE:	9004-RA1_W
HAZARD CLASSIFICATION:	ORDINARY 1
SYSTEM TYPE:	WET
DENSITY (GPM/SQ.FT.):	0.15
REQUIRED AREA (SQ.FT.):	1,500
ACTUAL AREA (SQ.FT.):	946
SPRINKLERS FLOWING:	6
SPRINKLER FLOW (GPM):	130.47 GPM
RESIDUAL PRESSURE AT BOR (PSI):	– PSI
HOSE ALLOWANCE (GPM):	250 GPM
EXCESS AVAILABLE PRESSURE (PSI):	7.75 PSI

REMOTE AREA #2

FILE:	9004-RA2_W
HAZARD CLASSIFICATION:	LIGHT
SYSTEM TYPE:	WET
DENSITY (GPM/SQ.FT.):	0.10
REQUIRED AREA (SQ.FT.):	1,500
ACTUAL AREA (SQ.FT.):	2,016
SPRINKLERS FLOWING:	16
SPRINKLER FLOW (GPM):	263.73 GPM
RESIDUAL PRESSURE AT BOR (PSI):	– PSI
HOSE ALLOWANCE (GPM):	100 GPM
EXCESS AVAILABLE PRESSURE (PSI):	9.89 PSI

FIRE PROTECTION PLAN – WARSAW CAMPUS

SCALE: 3/32" = 1'-0"

GENERAL NOTE:

NOT ALL AREAS OF THE BUILDING ARE BEING RENOVATED UNDER THIS PROJECT, HOWEVER SPRINKLER SYSTEM WILL BE ADDED THROUGHOUT THE ENTIRE BUILDING. LIGHTS ARE NOT SHOWN IN THE AREAS NOT BEING RENOVATED BY OTHER TRADES. REFER TO ARCHITECTURAL DRAWINGS FOR THESE AREAS. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS OF LIGHTS NOT SHOWN.

HAZARD NOTE:

ALL SPACES WITHIN BUILDING ARE LIGHT HAZARD OCCUPANCY UNLESS OTHERWISE NOTED. AREAS OF GREATER HAZARD SHALL EXTEND 15' INTO LOWER HAZARD AREAS UNLESS SEPARATED BY A WALL WITH AUTOCLOSING DOORS.

ALL STORAGE SPACES, PREP ROOMS, SERVER ROOMS, STACK AREAS, PLASTIC MEDIA AREAS, ETC. TO BE ALT LEAST ORDINARY II HAZZARD.

3

SPRINKLER NOTE:

CONTRACTOR SHALL DESIGN AND PROVIDE A FULLY AUTOMATIC WET PIPE FIRE EXTINGUISHING SPRINKLER SYSTEM TO PROVIDE COMPLETE COVERAGE THROUGHOUT THIS BUILDING. SPRINKLER SYSTEM DESIGN, MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 13 AND VIRGINIA UNIFORM STATEWIDE BUILDING CODE. SPRINKLER SYSTEM DESIGN SHALL BE BY HYDRAULIC CALCULATIONS FOR LIGHT, AND ORDINARY I HAZARD OCCUPANCIES. CONTARCT BID DOCUMENTS ARE TO SHOW INTENT ONLY.

3

NEW WORK NOTES

1. THIS AREA IS CLASSIFIED AS ORDINARY GROUP I HAZARD.
2. THIS AREA IS CLASSIFIED AS ORDINARY GROUP II HAZARD.

Pace COLLABORATIVE
MECHANICAL ELECTRICAL ENGINEERS
VIRGINIA BEACH, VA - 757-499-7223

GRAPHIC SCALES

3/32" = 1'-0" — 5' 0' 5' 10' 20' 30'

nbj ARCHITECTURE
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RAPPAHANNOCK COMMUNITY COLLEGE
CAMPUS RENOVATIONS
WARSAW + GLENNS, VIRGINIA
PC: 260-17712

FIRE PROTECTION PLAN - WARSAW CAMPUS

Date: APRIL 21, 2010

REVISIONS	
NO.	DATE
1	FEBRUARY 9, 2010
2	MARCH 3, 2010
3	APRIL 21, 2010

COMMONWEALTH OF VIRGINIA
JOHN M. NEWELL
Lic. No. 035329
04.21.10
PROFESSIONAL ENGINEER

Sheet SP1.1W

File Number 9004